

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
 Data File : BG022728.D
 Acq On : 30 Jun 2016 15:41
 Operator : UM/SJ
 Sample : SSTD16006
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16006

Quant Time: Jun 30 16:15:22 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 30 14:49:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	110296	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	535727	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	409247	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	961749	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1063241	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1061565	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	121394	57.35	ng/uL	0.00
5) Phenol-d5	7.32	99	1721600	172.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	972168	186.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	1156002	138.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	1368480	161.92	ng/ul	0.02
19) Nitrobenzene-d5	9.34	128	623905	157.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	764647	178.67	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	1497043	198.27	ng/ul	0.01
29) 4-Chloroaniline-d4	11.12	131	1342615	163.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	3738201	121.61	ng/ul	0.01
46) Acenaphthylene-d8	14.50	160	4217384	98.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.03	143	805484	152.17	ng/ul	0.03
57) Fluorene-d10	15.80	176	3502475	121.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	1048219	208.51	ng/ul	0.02
70) Anthracene-d10	17.67	188	4444441	96.28	ng/ul	0.01
76) Pyrene-d10	19.95	212	4827837	80.52	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.02	264	6469740	131.35	ng/ul	0.04

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.57	88	137912	35.94	ng/uL# 76
4) Benzaldehyde	7.29	77	906551	165.07	ng/ul 88
6) Phenol	7.35	94	1707206	170.10	ng/ul# 54
8) Bis(2-Chloroethyl)ether	7.58	93	1210979	165.15	ng/ul 91
10) 2-Chlorophenol	7.73	128	1157743	140.99	ng/ul# 83
11) 2-Methylphenol	8.61	108	1366005	170.41	ng/ul 89
12) 2,2'-oxybis(1-Chloropropan	8.70	45	1352502	154.39	ng/ul# 90
14) Acetophenone	9.00	105	2083358	176.20	ng/ul# 73
15) N-Nitroso-di-n-propylamine	9.00	70	1305958	213.98	ng/ul# 85
16) 4-Methylphenol	8.96	108	1486816	172.04	ng/ul 95
17) Hexachloroethane	9.25	117	500770	152.99	ng/ul# 71
20) Nitrobenzene	9.39	77	1826914	228.46	ng/ul# 85
21) Isophorone	9.92	82	3199963	187.70	ng/ul# 95
23) 2-Nitrophenol	10.10	139	811083	181.28	ng/ul# 48
24) 2,4-Dimethylphenol	10.16	107	1782056	206.38	ng/ul 89
25) Bis(2-Chloroethoxy)methane	10.39	93	1856531	189.74	ng/ul 95
27) 2,4-Dichlorophenol	10.64	162	1457512	196.68	ng/ul# 92
28) Naphthalene	11.04	128	3298539	121.44	ng/ul# 89
30) 4-Chloroaniline	11.15	127	1336632	161.75	ng/ul 96
31) Hexachlorobutadiene	11.32	225	1159041	265.32	ng/ul 96
32) Caprolactam	11.97	113	390986	131.66	ng/ul# 57
33) 4-Chloro-3-methylphenol	12.28	107	1789075	226.72	ng/ul 85
34) 2-Methylnaphthalene	12.64	142	2817087	145.09	ng/ul 98

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	2103058	173.25	ng/ul	96
37) Hexachlorocyclopentadiene	12.98	237	1527367	292.09	ng/ul	95
38) 2,4,6-Trichlorophenol	13.25	196	1513447	184.61	ng/ul	95
39) 2,4,5-Trichlorophenol	13.32	196	1571033	180.60	ng/ul	96
40) 1,1'-Biphenyl	13.64	154	3406765	101.10	ng/ul#	80
41) 2-Chloronaphthalene	13.69	162	3042023	117.53	ng/ul#	80
42) 2-Nitroaniline	13.90	65	1401420	240.19	ng/ul#	65
44) Dimethylphthalate	14.26	163	3607681	116.80	ng/ul#	83
45) 2,6-Dinitrotoluene	14.39	165	1069713	161.45	ng/ul#	83
47) Acenaphthylene	14.54	152	3966943	90.72	ng/ul#	70
48) 3-Nitroaniline	14.73	138	811993	127.92	ng/ul#	49
49) Acenaphthene	14.87	153	3128979	103.59	ng/ul#	85
50) 2,4-Dinitrophenol	14.92	184	773812	301.61	ng/ul#	78
52) 4-Nitrophenol	15.04	109	1007655	337.60	ng/ul#	55
53) Dibenzofuran	15.21	168	4011720	107.41	ng/ul#	47
54) 2,4-Dinitrotoluene	15.18	165	1473221	164.91	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.44	232	1620815	235.57	ng/ul	97
56) Diethylphthalate	15.63	149	3609884	112.63	ng/ul#	66
58) Fluorene	15.86	166	3479178	110.36	ng/ul#	95
59) 4-Chlorophenyl-phenylether	15.84	204	2367662	166.73	ng/ul#	86
60) 4-Nitroaniline	15.91	138	985616	141.41	ng/ul#	29
63) 4,6-Dinitro-2-methylphenol	15.95	198	1089371	209.40	ng/ul#	88
64) N-Nitrosodiphenylamine	16.07	169	3272952	107.64	ng/ul#	86
65) 4-Bromophenyl-phenylether	16.74	248	1764853	181.57	ng/ul	99
66) Hexachlorobenzene	16.86	284	1898693	168.25	ng/ul#	93
67) Atrazine	17.02	200	1678845	160.29	ng/ul	92
68) Pentachlorophenol	17.21	266	1325566	225.64	ng/ul	95
69) Phenanthrene	17.61	178	4584161	85.69	ng/ul#	54
71) Anthracene	17.71	178	4419727	81.57	ng/ul#	46
72) Carbazole	17.98	167	4193755	89.29	ng/ul#	63
73) Di-n-butylphthalate	18.51	149	4145132	65.87	ng/ul#	58
74) Fluoranthene	19.61	202	4833484	88.41	ng/ul#	85
77) Pyrene	19.98	202	4574626	61.15	ng/ul#	78
78) Butylbenzylphthalate	20.85	149	2756386	77.74	ng/ul#	69
79) 3,3'-Dichlorobenzidine	21.75	252	2558582	128.05	ng/ul#	87
80) Benzo(a)anthracene	21.85	228	5642380	90.48	ng/ul#	40
81) Bis(2-ethylhexyl)phthalate	21.72	149	3451331	68.40	ng/ul#	63
82) Chrysene	21.92	228	5073289	84.82	ng/ul#	40
84) Di-n-octyl phthalate	22.99	149	5104930	59.02	ng/ul	100
85) Benzo(b)fluoranthene	24.17	252	7289263	117.33	ng/ul#	77
86) Benzo(k)fluoranthene	24.24	252	6463025	106.90	ng/ul#	68
88) Benzo(a)pyrene	25.10	252	6987083	116.57	ng/ul#	78
89) Indeno(1,2,3-cd)pyrene	29.13	276	9461317	137.68	ng/ul#	77
90) Dibenzo(a,h)anthracene	29.20	278	7194043	125.09	ng/ul#	82
91) Benzo(g,h,i)perylene	30.35	276	7146231	129.82	ng/ul#	76

(#) = qualifier out of range (m) = manual integration (+) = signals summed

